

REMARKS

By the present amendment, Applicants cancel claims 1-16 without prejudice or disclaimer of the subject matter therein, and add new claims 23-30 to more appropriately define the present invention. Claims 17-30 are pending in the application, with claims 17-22 being withdrawn from consideration as drawn to a non-elected invention.

In the Office Action dated October 15, 2003, the Examiner rejected claims 1 and 2 under 35 U.S.C. §102(b) as being anticipated by JP 08265044A to Taketoshi et al. ("Taketoshi"); rejected claims 3-5, 7, 9, 12, and 14-16 under 35 U.S.C. §103(a) as being unpatentable over Taketoshi in view of JP 09307355 to Osamu ("Osamu"); rejected claims 6 and 13 under 35 U.S.C. § 103(a) as being unpatentable over Taketoshi; rejected claims 8, 10, and 11 under 35 U.S.C. 103(a) as being unpatentable over Taketoshi and further in view of JP 04236517 to Masa ("Masa"). The Examiner also withdrew claims 17-22¹ based on the election in response to restriction requirement.

Regarding new independent claims 23, 25, 27, and 29, the prior art fails to teach or suggest, at least, "first storage means for storing corrected temperatures each of which corresponds to one of the detected ambient temperatures . . ." recited by claims 23, 25, 27, and 29.

Taketoshi merely teaches the use of temperature sensor 8 which senses a temperature of a crystal vibrator 1a. Furthermore, Taketoshi teaches an EEPROM 9 storing plural kinds of transmission signal patterns and also stores offset data quantizing

¹ Applicants respectfully point out a typographical error on page 2 of the Office Action wherein the Examiner indicated Applicants had elected claims 1-17 for prosecution on the merits. The Summary Page and the remainder of the Office Action correctly reflect that Applicants elected claims 1-16.

a temperature characteristic curve of the crystal vibrator 1a over a prescribed temperature range. (See Abstract: Constitution). On page 4, lines 26-30 and page 5, lines 20-23 of the Office Action, the Examiner asserts "The applicant stores discreet values which are not continuous and must divide several number[s] together to arrive at a value that is somewhere between two stored values. Taketoshi has a continuous curve of values that yields the same result." (emphasis added). Applicants' respectfully disagree with the Examiner's conclusion that a continuous curve yields the same result. The generation of a continuous curve requires more computation resources than selecting values from a storage means, and generating a continuous curve may not be practical given some operational and cost constraints.

Osamu merely teaches a thermistor 1 measuring the environmental temperature and a temperature correcting means 2 which, as best as Applicants can tell, is a mathematical formula (see columns 3 and 4). Osamu fails to teach or suggest at least "storing corrected temperatures."

Masa merely teaches storing offset address data in a memory 3A to compensate for dispersion in a temperature detector. The offset address data is latched in a latch circuit 6 at starting, the offset address data and an address data resulting from converting an output of the temperature detector are added by an adder. (See Abstract.)

In summary, Taketoshi, Osamu, or Masa, taken either separately or in any combination, fail to teach or suggest at least "first storage means for storing corrected temperatures each of which corresponds to one of the detected ambient temperatures ..." recited by new claims 23, 25, 27, and 29. Accordingly, claims 23, 25, 27, and 29 are allowable over the cited prior art. Claim 24 depends from claim 23 and

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is allowable at least by virtue of its dependency from allowable claim 23. Claim 26 depends from claim 25 and is allowable at least by virtue of its dependency from allowable claim 25. Claim 28 depends from claim 27 and is allowable at least by virtue of its dependency from allowable claim 27. Claim 30 depends from claim 29 and is allowable at least by virtue of its dependency from allowable claim 29.

In view of the foregoing remarks, Applicant respectfully requests reconsideration and reexamination of this application and the timely allowance of the pending claims.

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

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